

**Abstract**

Cephalad and caudal vertebral facet joint prostheses and methods of use are provided. The cephalad prostheses are adapted and configured to be attached to a lamina portion of a vertebra without blocking a pedicle portion of the cephalad vertebra. In some embodiments, the prosthesis is attached with a non-invasive support member, such as a clamp. In other embodiments, a translaminar screw may be used for additional fixation.